

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10575558
Filing Date	2006-07-31
First Named Inventor	Udi DAMARI
Art Unit	1651
Examiner Name	Allison M. FORD
Attorney Docket Number	27367U

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	1	3074247		1963-01-22	POLK	
	2	3347745		1967-10-17	RINFRET, et al.	
	3	4018911		1977-04-19	LIONETTI, et al.	
	4	4117881		1978-10-03	WILLIAMS, et al.	
	5	4480682		1984-11-06	KANETA, et al.	
	6	4620908		1986-11-04	VAN DUZER	
	7	4857319		1989-08-15	CROWE, et al.	
	8	4874690		1989-10-17	GOODRICH, JR., et al.	

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	9	5059518		1991-10-22	KORTRIGHT, et al.	
	10	5071598		1991-12-10	BALDESCHWIELER, et al.	
	11	5364756	A	1994-11-15	LIVESEY, et al.	
	12	5418130	A	1995-05-23	PLATZ, et al.	
	13	5587490	A	1996-12-24	GOODRICH, JR., et al.	
	14	5629145	A	1997-05-13	MERYMAN	
	15	5709992	A	1998-01-20	RUBINSTEIN	
	16	5827741	A	1998-10-27	BEATTIE, et al.	
	17	5843780	A	1998-12-01	THOMSON	
	18	5863715	A	1999-01-26	RAJOTTE, et al.	
	19	5869092	A	1999-02-09	HAYS, et al.	

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	20	5897987	A	1999-04-27	OLIVER, et al.	
	21	5955257	A	1999-09-21	BURGER, et al.	
	22	6007978	A	1999-12-28	GOODRICH, JR., et al.	
	23	6073540	A	2000-06-13	GARRETT	
	24	6146890	A	2000-11-14	DANON	
	25	6319914	B1	2001-11-20	SIMPKINS, et al.	
	26	6337205	B1	2002-01-08	WISNIEWSKI	
	27	6453683	B1	2002-09-24	WISNIEWSKI, et al.	
	28	6482585	B2	2002-11-19	DOTTORI	
	29	6723497	B2	2004-04-20	WOLKERS, et al.	
	30	6887704	B2	2005-05-03	PELED, et al.	

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	1	20020119946	A1	2002-08-29	GEN	
	2	20020177116	A1	2002-11-28	WIGGINS, et al.	
	3	20030059338	A1	2003-03-27	MANN, et al.	
	4	20030068416	A1	2003-04-10	BURGESS, et al.	
	5	20040006999	A1	2004-01-15	BROWN, et al.	
	6	20040067157	A1	2004-04-08	MACPHEE, et al.	
	7	20040129003	A1	2004-07-08	VOUTE, et al.	
	8	20040191754	A1	2004-09-30	MEIR, et al.	
	9	20040197310	A1	2004-10-07	SANBERG, et al.	

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10	20050008623	A1	2005-01-13	BECHETOILLE, et al.	
11	20050020524	A1	2005-01-27	BOYD	
12	20050042754	A1	2005-02-24	MIYAZAKI, et al.	
13	20050059152	A1	2005-03-17	TANAVDE, et al.	
14	20050095228	A1	2005-05-05	FRASER, et al.	
15	20050118712	A1	2005-06-02	TSAI, et al.	
16	20050142118	A1	2005-06-30	WERNET	
17	20060035383	A1	2006-02-16	HO, et al.	
18	20060057555	A1	2006-03-16	DAMARI, et al.	
19	20070077237	A1	2007-04-05	DAMARI, et al.	
20	20070077535	A1	2007-04-05	WICHMANN, et al.	

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	21	20080120984	A1	2008-05-29	SHAHAM, et al.	
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FOREIGN PATENT DOCUMENTS

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	1	100 56 181	DE	C1	2002-03-07	HIBERNA AG	Attached: Full English Machine Translation	<input checked="" type="checkbox"/>
	2	0 664 080	EP	A1	1995-07-26	KABUSHIKI KAISHA SEITAI KAGAKU KENKYUSHO		<input type="checkbox"/>
	3	0 668 013	EP	A2	1995-08-23	NIPPON TELEGRAPH AND TELEPHONE CORPORATION		<input type="checkbox"/>
	4	1 057 405	EP	A1	2000-12-06	MG Pharmacy Ltd.		<input type="checkbox"/>
	5	1 131 998	EP	A1	2001-09-12	DIRECTOR-GENERAL OF NATIONAL INSTITUTE OF		<input type="checkbox"/>
	6	1 471 140	EP	A1	2004-10-27	ASAHI TECHNO GLASS CORPORATION		<input type="checkbox"/>
	7	1 535 514	EP	A1	2005-06-01	MG Pharmacy Inc.; Komeda, Masashi		<input type="checkbox"/>
	8	1 627 565	EP	A1	2006-02-22	Consejo Superior de Investigaciones Cientificas...		<input type="checkbox"/>

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	9	1 279 356	GB		1972-06-28	American Hospital Supply Corporation		<input type="checkbox"/>
	10	2000-189155	JP	A	2000-07-11	LIVESTOCK IMPROVEMENT ASSOCIATION OF JAPAN INC	Separately Attached: English Abstract	<input checked="" type="checkbox"/>
	11	1806692	SU	A1	1993-04-07	UK NII PLEMENNOMU DELU V ZHIVO	Separately Attached: No Abstract Available	<input type="checkbox"/>
	12	91/16060	WO	A1	1991-10-31	CRYOPHARM CORPORATION		<input type="checkbox"/>
	13	93/00806	WO	A1	1993-01-21	QUADRANT HOLDINGS CAMBRIDGE LIMITED		<input type="checkbox"/>
	14	97/35472	WO	A1	1997-10-02	ADVANCED REPRODUCTION TECHNOLOGIES, INC.		<input type="checkbox"/>
	15	97/39104	WO	A1	1997-10-23	OSIRIS THERAPEUTICS, INC.; CASE WESTERN RESERVE...		<input type="checkbox"/>
	16	98/46072	WO	A1	1998-10-22	BIOSTORE NEW ZEALAND LIMITED		<input type="checkbox"/>
	17	99/60849	WO	A1	1999-12-02	LIFECELL CORPORATION		<input type="checkbox"/>
	18	00/29551	WO	A2	2000-05-25	DAVIES, Alison		<input type="checkbox"/>
	19	01/23532	WO	A1	2001-04-05	TSAKAS, Spyros; LINARDOS, Nikolaos		<input type="checkbox"/>

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	20	01/45503	WO	A2	2001-06-28	REGENTS OF THE UNIVERSITY OF MINNESOTA		<input type="checkbox"/>
	21	01/50852	WO	A2	2001-07-19	INTEGRATED BIOSYSTEMS, INC.		<input type="checkbox"/>
	22	01/87062	WO	A2	2001-11-22	THE GENERAL HOSPITAL CORPORATION; GAMETE		<input type="checkbox"/>
	23	02/01952	WO	A1	2002-01-10	WADA, Hiromi; OHNAKA, Kenji	English Abstract listed on cover page of document	<input checked="" type="checkbox"/>
	24	02/076206	WO	A2	2002-10-03	UNIVERSITY OF OTTAWA		<input type="checkbox"/>
	25	03/020874	WO	A2	2003-03-13	INTERFACE MULTIGRAD TECHNOLOGY LTD.		<input type="checkbox"/>
	26	03/099040	WO	A1	2003-12-04	ISTITUTO BIOCHIMICO PAVESE PHARMA S.p.A		<input type="checkbox"/>
	27	2004/009138	WO	A2	2004-01-29	CLEARANT, INC.		<input type="checkbox"/>
	28	2004/055456	WO	A1	2004-07-01	INTEGRATED BIOSYSTEMS, INC.		<input type="checkbox"/>
	29	2004/098285	WO	A2	2004-11-18	CELLARTIS AB		<input type="checkbox"/>
	30	2005/032251	WO	A1	2005-04-14	I.M.T. INTERFACE MULTIGRAD TECHNOLOGY LTD.		<input type="checkbox"/>

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	31	2005/056755	WO	A2	2005-06-23	CATHOLIC HEALTHCARE WEST		<input type="checkbox"/>
	32	2005/072523	WO	A2	2005-08-11	I.M.T. INTERFACE MULTIGRAD TECHNOLOGY LTD.		<input type="checkbox"/>
	33	2005/072790	WO	A1	2005-08-11	I.M.T. INTERFACE MULTIGRAD TECHNOLOGY LTD.		<input type="checkbox"/>
	34	2006/016372	WO	A1	2006-02-16	I.M.T. INTERFACE MULTIGRAD TECHNOLOGY LTD.		<input type="checkbox"/>
	35	2008/032314	WO	A2	2008-03-20	I.M.T. INTERFACE MULTIGRAD TECHNOLOGY LTD.		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	<input type="checkbox"/> T5
	1	AHLENSTIEL, et al., "Bioflavonoids attenuate renal proximal tubular cell injury during cold preservation in Euro-Collins and University of Wisconsin solutions", Kidney International, vol. 63, pp. 554-563, (2003). XP-002337114	<input type="checkbox"/>
	2	CHEN, et al., "Beneficial Effect of Intracellular Trehalose on the Membrane Integrity of Dried Mammalian Cells", Cryobiology, vol. 43, pp. 168-181, (2001).	<input type="checkbox"/>
	3	CHOW, et al., "Phase I Pharmacokinetic Study of Tea Polyphenols following Single-dose Administration of Epigallocatechin Gallate and Polyphenon E", Cancer Epidemiology, Biomarkers & Prevention, vol. 10, pp. 53-58, (2001).	<input type="checkbox"/>
	4	CROWE, et al., "Stabilization of membranes in human platelets freeze-dried with trehalose", Chemistry and Physics of Lipids, vol. 122, pp. 41-52, (2003).	<input type="checkbox"/>

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	5	DE KORTE, et al., "Quality Determinants of Erythrocyte Destined for Transfusion", <i>Cellular and Molecular Biology</i> , vol. 50, no. 2, pp. 187-195, (2004). <input type="checkbox"/>
	6	FUJIKI, et al., "Mechanistic Findings of Green Tea as Cancer Preventive for Humans", <i>P.S.E.B.M.</i> , vol. 220, pp. 225-228, (1999). <input type="checkbox"/>
	7	GALATI, et al., "Prooxidant activity and cellular effects of the phenoxy radicals of dietary flavonoids and other polyphenolics", <i>Toxicology</i> , vol. 177, pp. 91-104, (2002). <input type="checkbox"/>
	8	GOODRICH, et al., "Preservation of metabolic activity in lyophilized human erythrocytes", <i>Proc. Natl. Acad. Sci. USA</i> , vol. 89, pp. 967-971, (1992). <input type="checkbox"/>
	9	GRINBERG, et al., "Protective Effects of Tea Polyphenols against Oxidative Damage to Red Blood Cells", <i>Biochemical Pharmacology</i> , vol. 54, pp. 973-978, (1997). <input type="checkbox"/>
	10	HAN, et al., "Protection of osteoblastic cells from freeze/thaw cycle-induced oxidative stress by green tea polyphenol", <i>Biotechnology Letters</i> , vol. 27, pp. 655-660, (2005). <input type="checkbox"/>
	11	ISBRUCKER, et al., "Safety studies on epigallocatechin gallate (EGCG) preparations. Part 3: Teratogenicity and reproductive toxicity studies in rats", <i>Food Chemical Toxicology</i> , vol. 44, pp. 651-661, (2006). <input type="checkbox"/>
	12	JOMHA, et al., "Cryopreservation of intact human articular cartilage", <i>Journal of Orthopaedic Research</i> , vol. 20, pp. 1253-1255, (2002). <input type="checkbox"/>
	13	KUMAZAWA, et al., "Direct Evidence of Interaction of a Green Tea Polyphenol, Epigallocatechin Gallate, with Lipid Bilayers by Solid-state Nuclear Magnetic Resonance", <i>Biosci. Biotechnol. Biochem.</i> , vol. 68, no. 8, pp. 1743-1747, (2004). <input type="checkbox"/>
	14	KUSAKABE, et al., "Maintenance of genetic integrity in frozen and freeze-dried mouse spermatozoa", <i>Proc Natl Acad Sci U S A</i> , vol. 98, no. 24, pp. 13501-13506, (2001). <input type="checkbox"/>
	15	LAPRADE, et al., "Refrigerated Osteoarticular Allografts to Treat Articular Cartilage Defects of the Femoral Condyles. A Prospective Outcomes Study", <i>J Bone Joint Surg Am</i> , vol. 91, pp. 805-811, (2009). <input type="checkbox"/>

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	16	LELKENS, et al., "Stability after thawing of RBCs frozen with the high- and low-glycerol method", <i>Transfusion</i> , vol. 43, pp. 157-164, (2003).	<input type="checkbox"/>
	17	LÓPEZ, et al., "Determination of Viability of Human Cartilage Allografts by a Rapid and Quantitative Method Not Requiring Cartilage Digestion", <i>Cell Transplantation</i> , vol. 17, pp. 859-864, (2008).	<input type="checkbox"/>
	18	MULDREW, "Cryopreservation of Articular Cartilage", Abstracts, 33rd Annual Meeting of the Society for Cryobiology, pp. 616-617, no. 6, Indianapolis, Indiana, August 21, 1996.	<input type="checkbox"/>
	19	MULDREW, et al., "Cryobiology of Articular Cartilage: Ice Morphology and Recovery of Chondrocytes", <i>Cryobiology</i> , vol. 40, pp. 102-109, (2000).	<input type="checkbox"/>
	20	MULDREW, et al., "Chondrocyte Sensitivity to Lethal Injury Correlates with Proximity to the Cartilage Surface", Abstracts, 32nd Annual Meeting of the Orthopaedic Research Society, pp. 589, no. 136, New Orleans, Louisiana, February 1986.	<input type="checkbox"/>
	21	RZEPAKOVSKY, "The Effect of Long Term Storage at -80°C on the Cell Viability in Cartilage Tissue", Study Report, No. LAB-0161, 3 pages, (2005).	<input type="checkbox"/>
	22	RZEPAKOVSKY, "The Effect of Long Term Storage in Liquid Nitrogen on the Cell Viability in Cartilage Tissue", Study Report, No. LAB-0161, 3 pages, (2006).	<input type="checkbox"/>
	23	SATPATHY, et al., "Loading red blood cells with trehalose: a step towards biostabilization", <i>Cryobiology</i> , vol. 49, pp. 123-136, (2004).	<input type="checkbox"/>
	24	Dimethyl sulfoxide, SIGMA Product Information, 2 pages, December 2003.	<input type="checkbox"/>
	25	SUGANUMA, et al., "Green tea and cancer chemoprevention", <i>Mutation Research</i> , vol. 428, pp. 339-344, (1999).	<input type="checkbox"/>
	26	TENG, et al., "Enhancing Osteochondral Allograft Viability", <i>Clin Orthop Relat Res</i> , vol. 466, pp. 1804-1809, (2008).	<input type="checkbox"/>

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	27	TOWNS, "Moisture content in proteins: its effects and measurement", Journal of Chromatography A, vol. 705, pp. 115-127, (1995).	<input type="checkbox"/>
	28	WILLIAMS, et al., "Analysis of Cartilage Tissue on a Cellular Level in Fresh Osteochondral Allograft Retrievals", Am J Sports Med, vol. 35, no. 12, pp. 2022-2032, (2007).	<input type="checkbox"/>
	29	WILLIAMS, et al., "Controversies in Knee Surgery", Controversies in Orthopaedic Surgery, pp. 462-463, Oxford University Press, 2004.	<input type="checkbox"/>
	30	XP-002337043: DERWENT, "Preservation solution for cells and tissues contains polyphenol as effective component", 1 page, (2002).	<input type="checkbox"/>
	31	XP-002337044: DERWENT, "Composition for preservative of animal cell, organs such as skin, blood vessel, cornea, kidney, heart, liver, lungs, placenta or pancreas, contains preset amount of epigallocatechin gallate as active ingredient", 1 page, (2003).	<input type="checkbox"/>
	32	ZOBERI, et al., "Radiosensitizing and anti-proliferative effects of resveratrol in two human cervical tumor cell lines", Cancer Letters, vol. 175, pp. 165-173, (2002).	<input type="checkbox"/>

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